

This listing of claims will replace all prior versions, and listings, of claims in the application

LISTING OF CLAIMS

18. (currently amended) A surface-mounted LED arrangement,
5 comprising:
a printed circuit board having a principal surface and a secondary surface,
said printed circuit board comprising a plastic material,
a plurality of LEDs arranged on said principal surface,
a metallic layer provided on said secondary surface ~~electrically insulated~~
10 ~~from the LEDs, and~~
a cooling member connected to said secondary surface, wherein said
printed circuit board is secured to said cooling member with at least
one of a thermally conductive paste, a thermally conductive
adhesive and a thermally conductive film, and
15 wherein said secondary surface is applied to one of a curved surface, a
singly angled surface or a multiply angled surface of said cooling
member, or to a thermally conductive partial region of a device
housing, or to an automobile chassis, such that said plurality of
LEDs are arranged in a spatial form determined by said one of a
20 curved surface, singly angled surface or multiply angled surface of
said cooling member.

19. (previously presented) The LED arrangement according to claim 18,
wherein said metallic layer comprises copper or other metal having good thermal
25 conductivity.

20. (previously presented) The LED arrangement according to claim 19, wherein said printed circuit board comprises a flexible printed circuit board structure.

5 21. (cancelled).

22. (currently amended) The LED arrangement according to claim 18 21, wherein said metallic layer comprises a meander-like lateral structure.

10 23. (previously presented) The LED arrangement according to claim 22, wherein said cooling member comprises a metal.

15 24. (previously presented) The LED arrangement according to claim 23, wherein a surface of said cooling member remotely positioned from said printed circuit board is blackened, comprises cooling ribs or is provided with a roughened surface.

20 25. (previously presented) The LED arrangement according to claim 24, wherein said plurality of LEDs are provided with lenses.

26. (previously presented) The LED arrangement according to claim 25, wherein said printed circuit board electrically insulates said metallic layer from said plurality of LEDs.

25 27. (previously presented) The LED arrangement according to claim 26, wherein said printed circuit board comprises one of an epoxy resin, a polyester or a polyamide.

28. (currently amended) A lighting device comprising the LED arrangement according to claim 18 27.

5 29. (previously presented) The lighting device comprising an LED arrangement according to claim 28, wherein said lighting device is an exterior lighting fixture of a motor vehicle, and said cooling member comprises a curvature adapted to one of an outside contour of said motor vehicle or to a partial surface region of an automobile chassis.

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30. (previously presented) The lighting device comprising an LED arrangement according to claim 29, wherein said LED arrangement is a rotating light, and said cooling member has a cylindrical hollow shape with said printed circuit board applied to an outside wall thereof.

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31. (previously presented) The lighting device according to claim 30, said plurality of LEDs that proceed axially are electrically combined into lanes that can be successively circumferentially operated.

20 32. (previously presented) The lighting device having an LED arrangement according to claim 20, wherein said lighting device is an exterior lighting fixture of a motor vehicle, and said cooling member comprises a curvature adapted to one of an outside contour of a motor vehicle or to a partial surface region of an automobile chassis.

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33. (previously presented) The lighting device according to claim 30, wherein said LED arrangement is a rotating light, and said cooling member has a cylindrical hollow shape with said printed circuit board applied to an outside wall thereof.

34. (previously presented) The lighting device according to claim 33, wherein said plurality of LEDs that proceed axially parallel are electrically combined into lanes that can be successively circumferentially operated.

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35. (previously presented) The LED arrangement according to claim 20, wherein the flexible printed circuit board is a flex board.

36. (previously presented) The LED arrangement according to claim 23,
10 wherein said metal is selected from the group consisting of copper, aluminum, and sheet metal.

37. (previously presented) The LED arrangement according to claim 27,
15 wherein said epoxy resin, polyester or polyamide is in the form of a polyester or polyamide film.